# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: ROSEMARY KELLOGG	PCT			
SWANSON & BRATSCHUN, L.L.C. 1745 SHEA CENTER DRIVE, SUITE 330 HIGHLANDS RANCH, CO 80129	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION			
	(PCT Rule 44.1)			
	Date of mailing (day/month/year) 10 SEP 2004			
Applicant's or agent's file reference UNI26PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US04/10279	International filing date (day/month/year) 02 April 2004 (02.04.2004)			
Applicant UNIGEN PHARMACEUTICALS, INC.				
The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.				
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the cla	ims of the international application (see Rule 46):			
When? The time limit for filing such amendments is search report.	normally two months from the date of transmittal of the international			
Where? Directly to the International Bureau of WIPC 1211 Geneva 20, Switzerland, Pacsimile No.				
For more detailed instructions, see the notes on the ac-	ecompanying sheet.			
The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.				
3. With regard to the protest against payment of (an) additi	ional fee(s) under Rule 40.2, the applicant is notified that:			
the protest together with the decision thereon has bee request to forward the texts of both the protest and the	on transmitted to the International Bureau together with the applicant's the decision thereon to the designated Offices.			
no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.				
4. Reminders				
Shootly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant whishes to avoid or postpore publication, a notion of withdraway of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90ths; 1 and 90ths; 3, respectively, before the completion of the technical preparations for international publication.				
The applicant may submit comments on an informal basis on the written option of the International Searching Authority to the International Brauesu. The International Brauesu will tend a copy of such comments to all designated Offices unless m international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the enginetion of 50 mounts from the pricity date.				
Within 19 months from the priority date, but only in respect of some designated Offices, a dermand for international perlaimancy commission must be filed if the applicant wishes to prospece the entry is to the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the presented acts for entry into the national phase before those designated Offices.				
	s (or later) will apply even if no demand is filed within 19 months.			
See the Annex to Form PCT/1B/301 and, for details about the ap Volume II, National Chapters and the WIPO Internet site.	oplicable time limits, Office by Office, see the PCT Applicant's Guide,			
Name and mailing address of the ISA/ US	Authorized officer			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	Randall Winston Hand Joseph A. M.			
P.O. Box 1450 Alexandria, Virginia 22313-1450	Telephone Mo. 571-272-0972			

Facsimile No. (703) 305-3230 Form PCT/ISA/220 (January 2004)

See notes on accompanying sheet)

# PATENT COOPERATION TREATY

# **PCT**

# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference UNI26PCT		Form PCT/ISA/220 are applicable, item 5 below.		
International application No. PCT/US04/10279	International filing date (day/month/year) 02 April 2004 (02.04.2004)	(Earliest) Priority Date (day/month/year) 04 April 2003 (04.04.2003)		
Applicant UNIGEN PHARMACEUTICALS, INC.				
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.  This international search report consists of a total of sheets.  It is also accompanied by a copy of each prior art document cited in this report.				
Basis of the Report     With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.  The international application of the international application furnished to this Authority (Rule 25.1(b)).  The international application of the international application furnished to this Authority (Rule 25.1(b)).  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No.				
Unity of invention is lacki     With regard to the title,     the text is approved as subr	,			
	nitted by the applicant. d, according to Rule 38.2(b), by this Authorit one month from the date of mailing of this int			
as suggested by the	Authority, because the applicant failed to sug Authority, because this figure better character published with the abstract.	gest a figure.		

### INTERNATIONAL SEARCH REPORT

International application No.

			FC1/0304/102/	· 1
A. CLAS	SSIFICATION OF SUBJECT MATTER			
IPC(7)	: A61K 35/78			
US CL	: 424/757			
	International Patent Classification (IPC) or to both	national classification	and IPC	
B. FIEL	DS SEARCHED			
Minimum do	cumentation searched (classification system followed	l by classification syn	abols)	
U.S.: 4		-,	,	
Documentati	on searched other than minimum documentation to the	ne extent that such do	zuments are include	d in the fields searched
Electronic de	to been exempted desire the interesting a second			
Searched We	ata base consulted during the international search (na	me of data base and,	where practicable,	search terms used)
seatched we	356			1
				1
C. DOC	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	ppropriate, of the rele	evant passages	Relevant to claim No.
Ÿ	US 5,773,014 A(PERRIER et al) 30 June 1998(30,			1-45
-	190000			1.70
Y	US 6,391,872 B1(MARFAT) 21 May 2002(21.05.:	2002), column 1. line	s 12-16, lines 64-	1-45
	67, column 2, lines 10-16.	,,	, -11100 0-7	I . ~ I
Y	EP 1147764 A2(ISHIDA et al) 24 October 2001 (2	4.10.2001), entire art	icle.	1-45
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Postbar	documents are listed in the continuation of Box C.	П	family annex.	
• s	pecial categories of cited documents:	"T" later docum	ent published after the is	nternational filing date or the application but cited to
"A" documen	t defining the general state of the art which is not considered to	understand	the principle or theory u	nderlying the invention
be of par	ticular relevance	*X* document of		
"E" earlier au	plication or patent published on or after the international filing			e claimed invention cannot be dered to involve an inventive
date	the state of the s	step when t	he document is taken alo	DC III III III III III III III III III I
"L" document	which may throw doubts on priority claim(s) or which is cited	*Y* document o	fasticular misus #	e claimed invention cannot be
to establi	sh the publication date of another citation or other special reason	considered t	o involve an inventive a	tep when the document is
(as specil	lied)	combined w	ith one or more other su	ch documents, such
"O" documen	referring to an oral disciosure, use, exhibition or other means	combination	being obvious to a pers	on skilled in the art
		*&* document m	cuber of the same paten	t family
*P* documen	t published prior to the international filing date but later than the			
	ctual completion of the international search	Date of mailing of	he international sea	rch report
		10 SEF	′ ZUU4	-
	004 (23.08.2004)	44 4 4 4		
	Name and mailing address of the ISA/US Authorized officer		_	
	Mail Stop PCT, Atta: ISA/US Commissioner for Patents Randall Winston		1 / 1.	
P.O. Box 1450				
Ale	xandria, Virginia 22313-1450	Telephone No. 574	<del>212-0972</del> /	7- /~ -01
Facsimile No	o. (703) 305-3230	//		

Form PCT/ISA/210 (second sheet) (January 2004)

e'	PATENT COO	PPERATION TREATY
From the INTERNATIONAL SEARCH	ING AUTHORITY	
To: ROSEMARY KELLOGG SWANSON & BRATSCHU; 1745 SHEA CENTER DRIV HIGHLANDS RANCH, CC	N, L.L.C. E, SUITE 330	PCT  WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY  (PCT Rule 43bis.1)
		Date of mailing day/month/year) 10 SEP 2004
Applicant's or agent's file ret	erence	FOR FURTHER ACTION
UNI26PCT		See paragraph 2 below
International application No.	International filing	date (day/month/year) Priority date (day/month/year)
PCT/US04/10279	02 April 2004 (02.0	04.2004) 04 April 2003 (04.04.2003)
	ation (IPC) or both national class	
Applicant	CALL ADVIDE	
UNIGEN PHARMACEUTIC	CALS, INC.	
Box No. I  Box No. II  Box No. III  Box No. III  Box No. IV  Box No. VI  Box No. VI  Box No. VII  Box No. VIII  2. FURTHER ACTION  If a demand for internate International Preliminary Authority other than this that written opinions of t  If this opinion is, as pro  IFA a written reply te	Lack of unity of invention  Reasoned statement under Rule- applicability: citations and expla- Certain documents cited  Certain documents cited  Certain documents cited  Certain dobservations on the inter- ional preliminary examination is y Examining Authority ('IPEA, one to be die IPEA and the che his International Searching Auth- vided above, considered to be a gether, where appropriate, with A7220 or before the expiration of	ith regard to novelty, inventive step and industrial applicability  43bir. 1(a)(i) with regard to novelty, inventive step or industrial mations supporting such statement  nal application  rantional application  s made, this opinion will be considered to be a written opinion of the c") except that this does not apply where the applicant chooses an onen IPEA has notified the International Bureau under Rule 66,1bit 67  or the opinion will be considered to the applicant chooses an

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ US Name and maning address of the ISA/ C
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230

Form PCT/ISA/237 (cover sheet) (January 2004)

Randall Winston Joseph Delport John Telephone ph. 571-272-0972

# WRITTEN G. ... JION OF THE INTERNATIONAL SEARCHING AUTHORITY

Internation	plication No.	
PCT/US04/	10279	

Box No. I Basis of this opinion
<ol> <li>With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</li> </ol>
This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
<ol><li>With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:</li></ol>
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in international application as filed.
filed together with the international application in computer readable form.
furnished subsequently to this Authority for the purposes of search.
3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filled or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filled or does not go beyond the application as filled, as appropriate, were furnished.
4. Additional comments:

# WRITTEN OF ANION OF THE INTERNATIONAL SEARCHING AUTHORITY

Form PCT/ISA/237 (Box No. V) (January 2004)

Internation. , plication No. PCT/US04/10279

IN	TERNATIONAL SEARCHING AU	THORT	Ϋ́	FC1/0304/102/9	
Box No. V	Reasoned statement under Rule 43 applicability; citations and explanat	bis.1(a)(i	) with regard orting such s	l I to novelty, inventive step or industr statement	ial
1. Statemer	at.				
N	fovelty (N)	Claims	1-45		YES
		Claims	NONE		_NO
Īr	ventive step (IS)	CI.			
-	reality step (15)	Claims Claims			_YES NO
					NO
Ir	dustrial applicability (IA)	Claims			_YES
		Claims	NONE		_NO
2. Citations	and explanations:				
a host in need inhibitory acti the same purp flavan (i.e. car amounts and/o purview of the Claims 1-45 m	thereof a pharmaceutical composition com- vity. Pierre et al. do not teach administerin ose. Marfat teaches (see, e.g. column 1, li- thechin) for tyrosinase inhibitory activity. Ir in what form), is deemed merely a matte skilled artisan.	nprising a F ng a flavan ines 12-16, The adjust er of judicio	claimed methores. Tee-B-ring Flat (i.e. cathechin) column 1 lines ment of conver- ous selection an	erre et al. (US 5.773,014) in view of Marfa old and composition comprising of admission of an admission of the complex of the	ering to rosinase form for g of a effective a the

# WRITTEN O. ANION OF THE INTERNATIONAL SEARCHING AUTHORITY

Internation. plication No.

INTERNATIONAL SEARCHING AUTHORITY	PCT/US04/10279		
Box No. VIII Certain observations on the international application			
The following observations on the clarity of the claims, description, and drawing supported by the description, are made:			
Claim 18 under PCT Article 6 is rendered indefinite. Claim 18 is not dependent	on any previous claims. Correction is required.		

Form PCT/ISA/237 (Box No. VIII) (January 2004)

#### NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]:
  "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
  - "Claims I to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14, claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under Article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the International application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

### Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the international Burenu, also file with the international Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/ADI).

# Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the PCT Applicant's Guide, Volume II.